IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Charles Razzell Group Art Unit: 2611

Serial No.: 10/591,542 Examiner: Stevens, Brian J.

Filed: November 5, 2007 Confirmation No.: 4815

For: SERIALIZATION OF MULTI-BAND SEQUENCE KEYING FOR ULTRA WIDEBAND RECEIVER ARCHITECTURE WITH REDUCED COMPLEXITY AND POWER CONSUMPTION

Mail Stop Amendment Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

RESPONSE TO OFFICE ACTION

Sir/Madam:

In response to the Office Action notified on December 15, 2011, please find the following:

Listing of Claims begins on page 2 of this paper.

Remarks/Arguments begin on page 6 of this paper.